

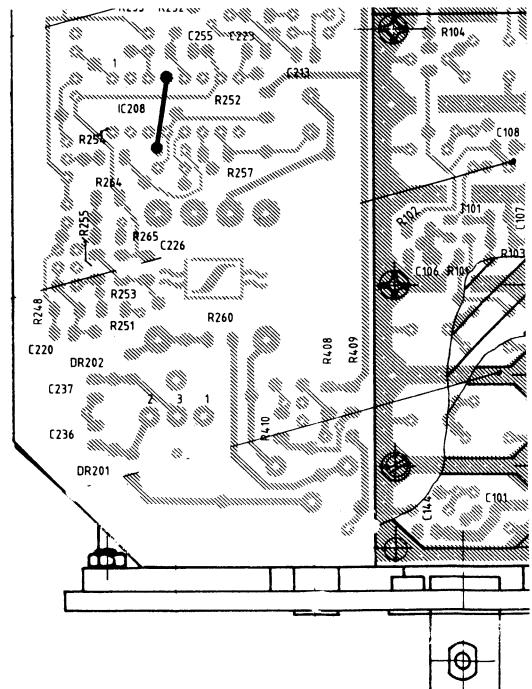
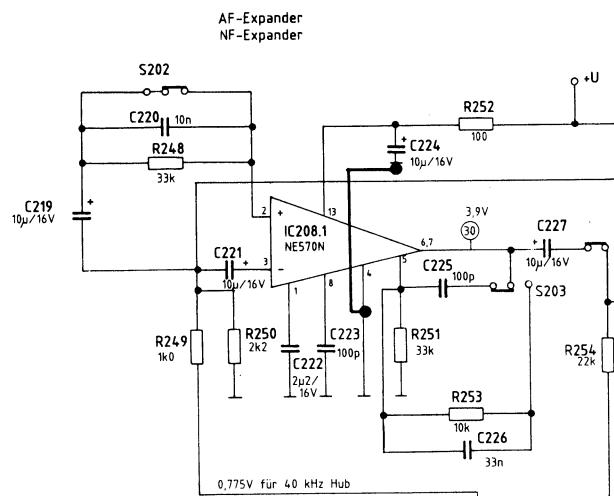
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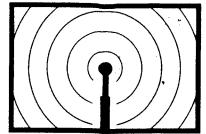
Ref.: **EM 2003 TV**

Fault: 50 Hz hum when the EM 2003 TV receives an RF-carrier without modulation.

Cause: Insufficient ground connection at HiDyn-IC

Remedy: Connect ground connection of IC 208.1 to ground connection of IC 224. This will reduce the hum by 6 dB.





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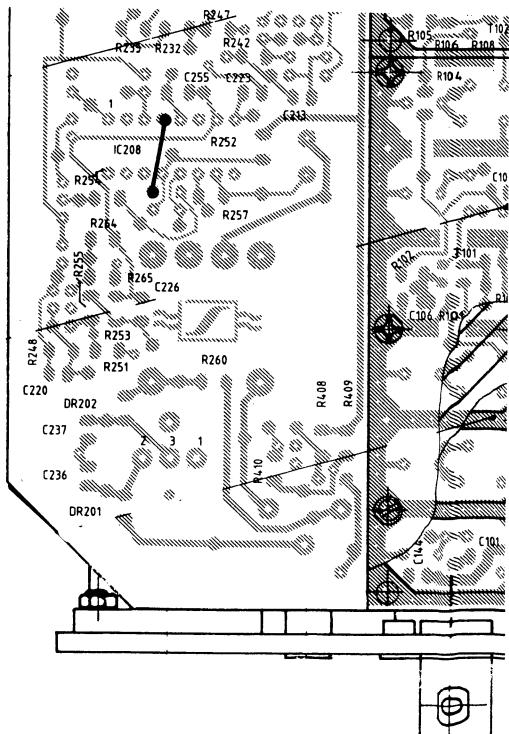
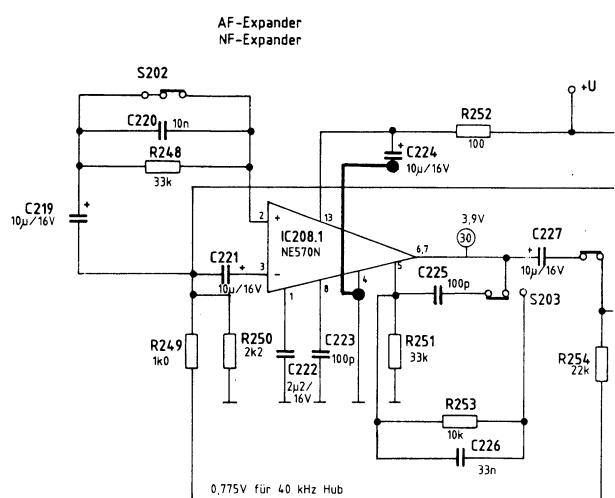
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Betr.: EM 2003 TV

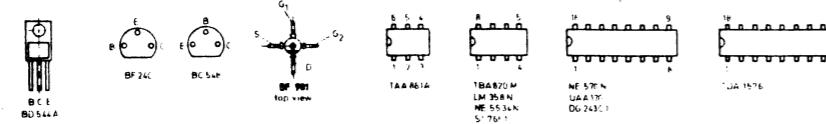
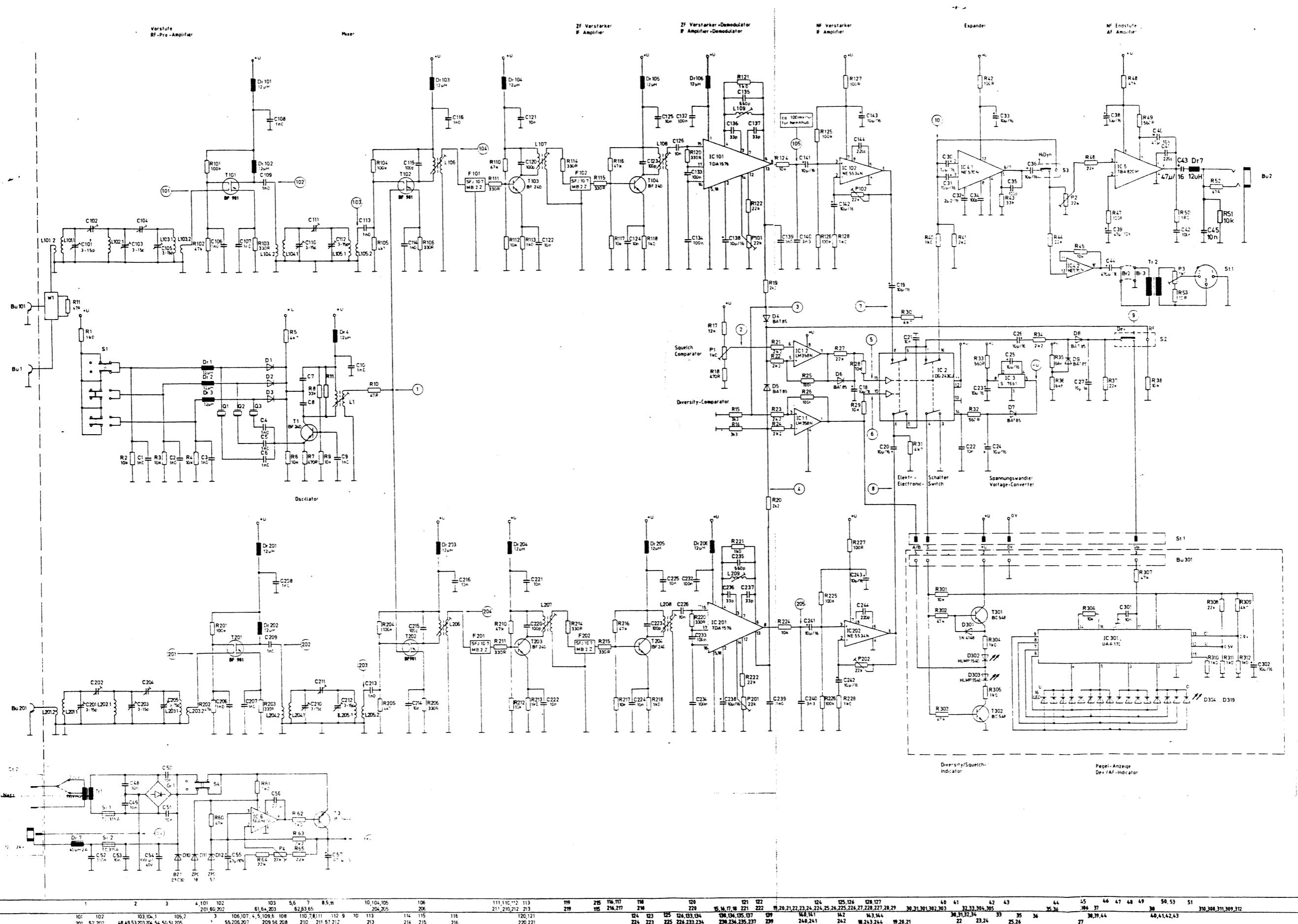
## Fehler: 50 Hz-Brummen bei Empfang eines unmodulierten HF-Trägers

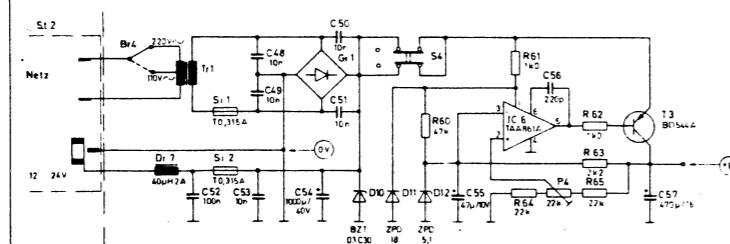
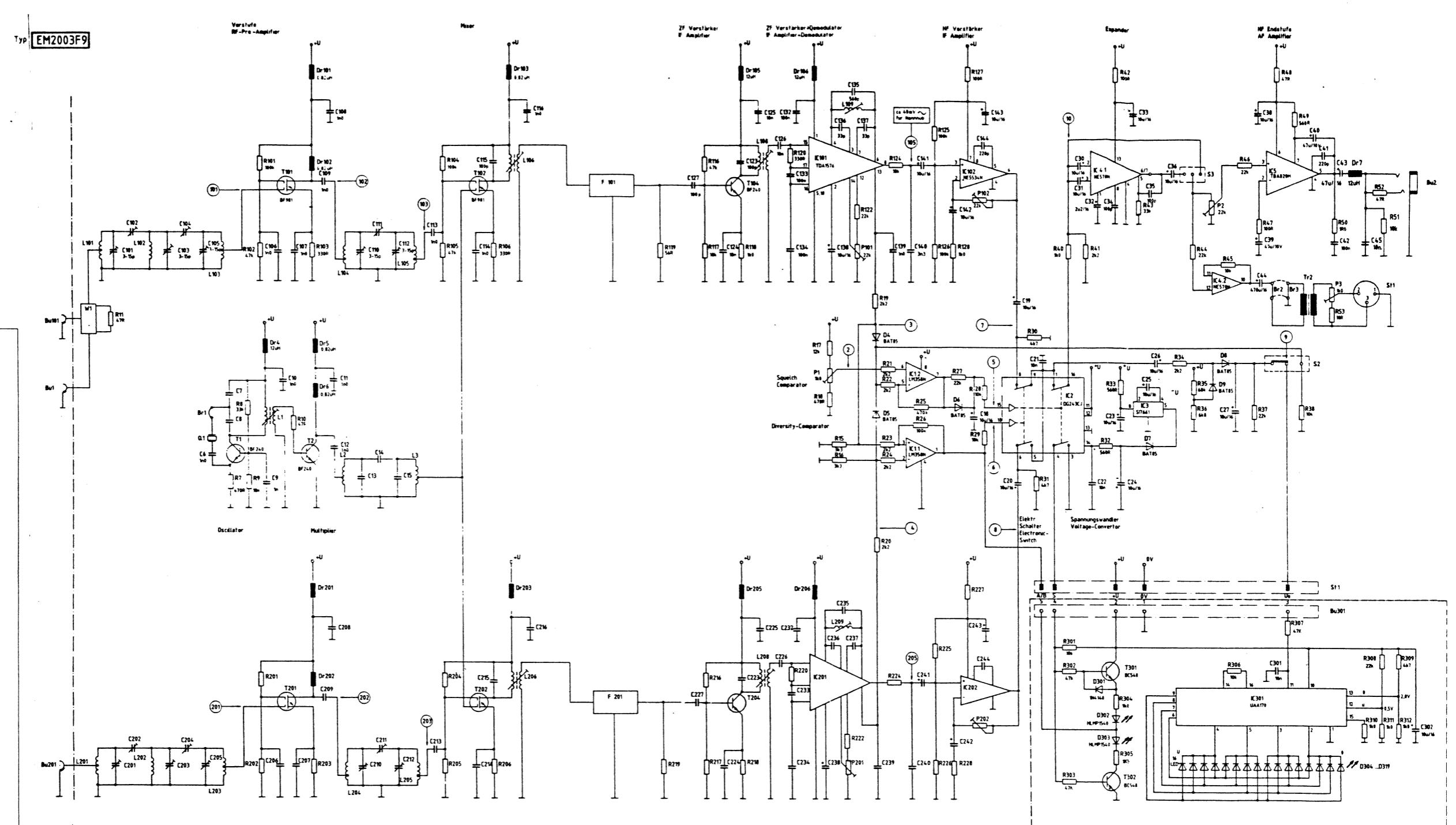
**Ursache:** Unzureichende Masseverbindung am HiDyn-IC

**Abhilfe:** Massebrücke zwischen C 224 und Pin 4 / IC 208.1 auf Lötseite einbauen. Dadurch wird eine Verringerung des Brummens um 6 dB erreicht.

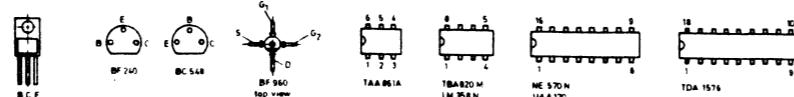


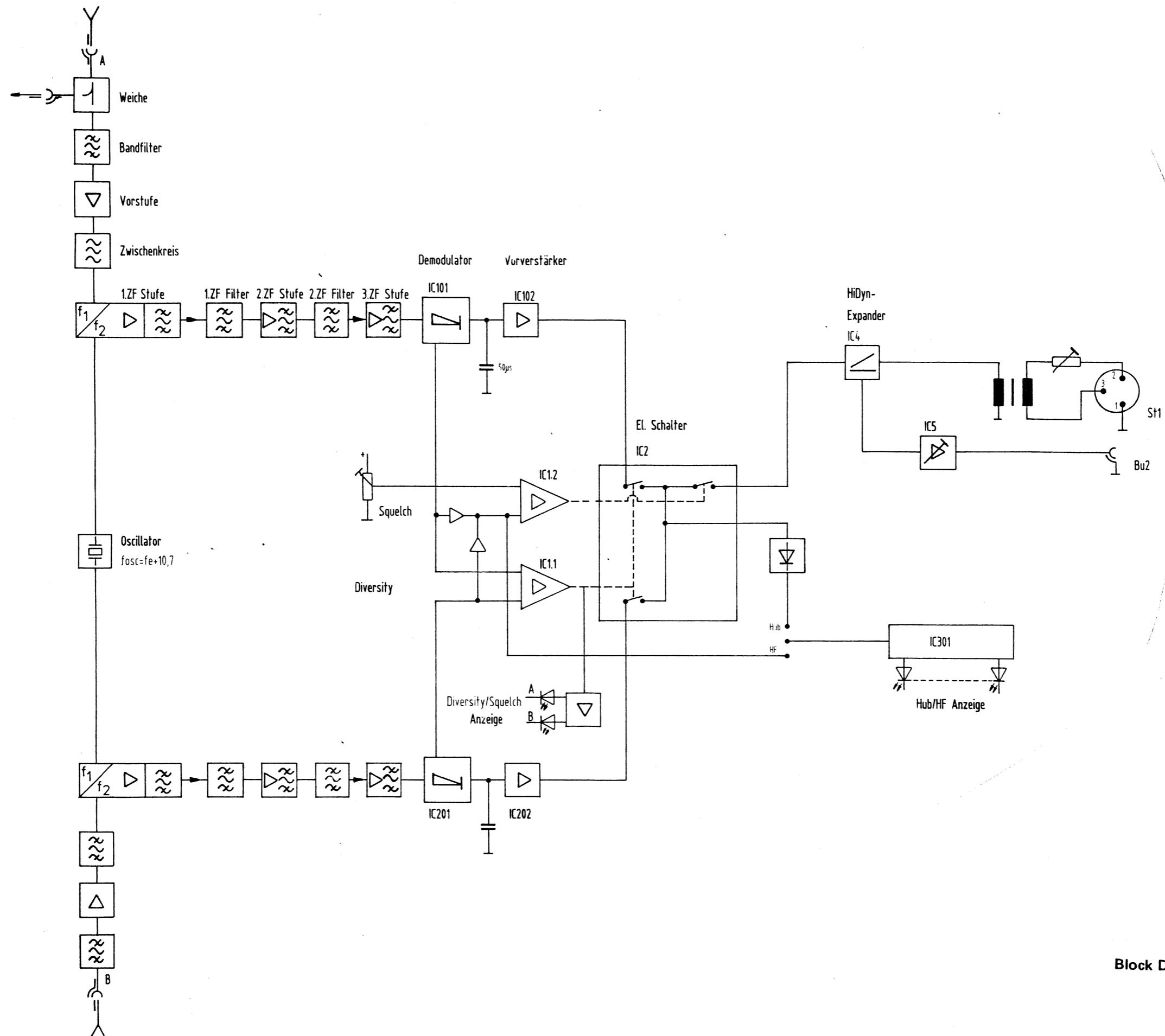
10



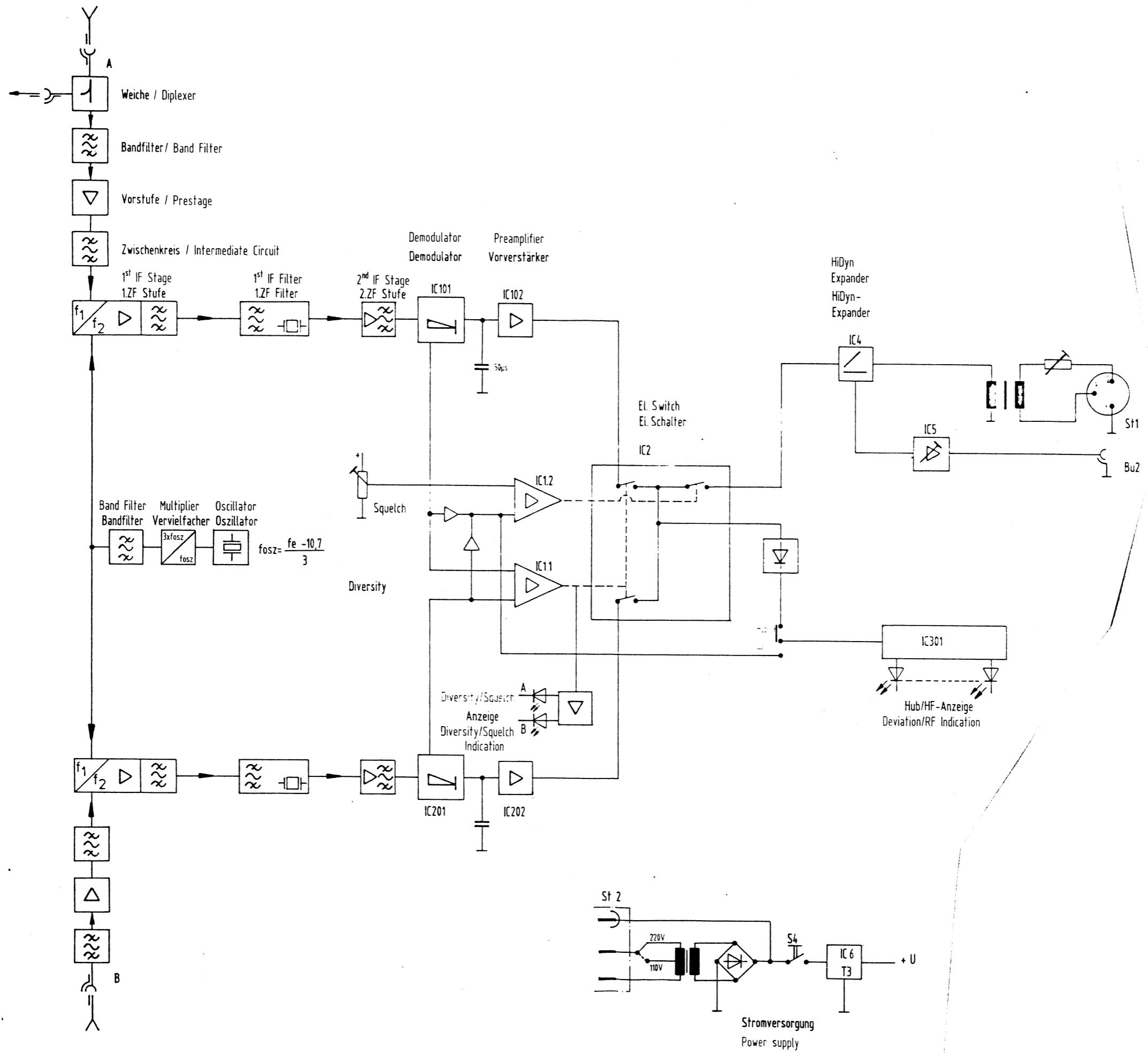


R 11 7 8 10 102 10 10 80,202 10 81,64,103 10,104,105 106 111,110,112 113 119 216,217 118 120 122 122 49,29,71,21,13,24,25,24,26,24,25,126,127 124,125,126,127 128,127 30,31,301,382,393 40 41 32,33,304,365 42 43 44 45 36,306,37 34,35 36 37 46 47 48 49 38 50 53 51 310,306,311,309,312





Block Diagram EM 2003



## Block Diagram EM 2003-9